

**National Asset Delivery
Technical Surveys and Testing**

**Works Information for
602476 - Area 14 Asbestos Surveys 20-
21 Lot 1**

CONTENTS AMENDMENT SHEET

Amend. No.	Revision No.	Amendments	Initials	Date
0	0	Original version issued with tender	SO	26/06/20

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

TABLE OF CONTENTS

1 Description of the works..... 4

2 Existing Information..... Error! Bookmark not defined.

3 Constraints on how the Contractor Provides the Works..... 7

4 Requirements for the programme..... 9

5 Services and other things provided by the *Employer* 11

6 Specification for the works..... 12

LIST OF ANNEXES

Appendix 1 Supplementary Constraints

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

1 DESCRIPTION OF THE WORKS

1.1 Project objectives

- 1.1.1 The principle objective of this project is to undertake management surveys of structures, carry out refurbishment surveys of structures and re-inspection surveys of depots, in accordance with HSG264 and to meet the requirements of GG105 and CAR 12.
- 1.1.2 The specification that applies to the *works* is included in Section 6

1.2 Scope of works

1.2.1 The *works* to be provided under this contract are:

- (1) Undertake Asbestos Refurbishment Surveys to comply with HSG 264 for 7 number structures identified in Appendix 1. Provide a factual report of the results of each Asbestos Refurbishment Survey.
- Compile or update an Asbestos Action Plan (AAP) in compliance with GG105 (HE will provide a template for each structure) to be reviewed by HE on completion. AAP to be provided in .docx format for review.
- (2) Undertake Asbestos Management Surveys to comply with HSG 264 for 4 number structures identified in Appendix 1. Provide a factual report of the results of each Asbestos Management Survey.
- Compile or update an Asbestos Action Plan (AAP) in compliance with GG105 (HE will provide a template for each structure) to be reviewed by HE on completion. AAP to be provided in .docx format for review.
- (3) Undertake bi-annual Asbestos re-inspection surveys to 3 number depots identified in Appendix 1. Provide a factual report of the results of each Re-inspection survey.
- Compile an Asbestos Action Plan (AAP) GG105 (HE will provide a template for each depot). The last Asbestos Action Plan will be provided along with last re-inspection survey report.

1.3 Deliverables

1.3.1 The *Contractor* is required to produce the following deliverables:

(1) For Asbestos Refurbishment Surveys:

- A report of survey findings for each structure in line with HSG 264 identifying areas that have been tested and any ACMs present (in line with own company reporting format).
- Compile Asbestos Action Plan (AAP) for each structure in line with GG105 (Template will be provided).

The AAP's are to be submitted in .docx format, for review and upon approval can then be converted to .pdf format for uploading to the appropriate Highways England Systems.

(2) For Asbestos Management Surveys:

- A report of survey findings for each structure in line with HSG 264 identifying areas that have been tested and any ACMs present (in line with own company reporting format).
- Compile Asbestos Action Plan (AAP) for each structure in line with GG105 (Template will be provided).

The AAP's are to be submitted in .docx format, for review and upon approval can then be converted to .pdf format for uploading to the appropriate Highways England Systems.

(3) For Bi-annual re-inspection surveys of depots:

- A report of survey findings for each depot (in line with own company reporting format).
- Compile Asbestos Action Plan (AAP) for each structure in line with GG105 (Template will be provided).

The AAP's are to be submitted in .docx format, for review and upon approval can then be converted to .pdf format for uploading to the appropriate Highways England Systems.

2 EXISTING INFORMATION

2.1.1 For 1.2.1 (1), 1.2.1 (2) and 1.2.1 (3) above the provision of a Highways England report template and where available, to facilitate continuity, the previous Asbestos Action Plan may be provided in .docx format.

Previous Asbestos survey reports, re-inspection survey reports and older format AAPs will be provided where available for review of information.

2.1.2 As-built drawings of structures where available will be provided for review of any indication of ACMs.

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

3 CONSTRAINTS ON HOW THE CONTRACTOR PROVIDES THE WORKS

3.1 General

- 3.1.1 The *Contractor* Provides the Works in such manner as to minimise the risk of damage or disturbance to or destruction of third party property.
- 3.1.2 The *Contractor* complies with the constraints and meets with the requirements outlined in Appendix 1.
- 3.1.3 The *Contractor* submits information detailing how the *Contractor* will provide the Works to the *Employer* prior to the *works* commencing. This information will include any lifting plans, risk assessments, method statements, the *Contractor's* staff training information and any other relevant Health and Safety requirements.

3.2 Working hours & site specific constraints

- 3.2.1 The *Contractor's* working hours for site works shall be undertaken generally in daylight hours; however, where traffic management is required for specific sampling this may warrant the need for night time working. The contractor should provide additional rates for night time working as part of their tender submission.
- 3.2.2 To enable surveys to be undertaken at depots, the successful surveyor will be required to contact the relevant depot managers. Contact details will be provided after the contract has been awarded.
- 3.2.3 STR_5596 Coast Railway occupies a Network Rail freight line and Nexus rail lines underneath. Access to the underside of the structure will require a rail possession (this will be obtained by Highways England if required).
- 3.2.4 All sites except depots will have live traffic (either running over or underneath the bridges). Access to elements for sampling on live carriageways / under live carriageways (e.g. waterproofing) will require traffic management (this will be arranged by Highways England if required).

3.3 Health, Safety and Environment & Risk Management

Health and Safety requirements

- 3.3.1 In Providing the Works the *Contractor* meets the requirements of Annex 2 of the supplementary constraints in relation to health and safety duties.
- 3.3.2 When implemented, the *Contractor* shall comply with the requirements of Highways England's safety passport scheme and ensure that all of his

employees, and any of his subcontractor's, are registered in accordance with the implementation of the scheme.

3.3.3 Not Used.

3.3.4 Before commencing the construction phase of the *works*, the *Contractor* confirms to the *Employer* that adequate welfare facilities are in place. Where the facilities detailed in section 5 are not deemed adequate, the *Contractor* provides all necessary facilities to Provide the Works and to comply with the minimum requirements set out in HSE guidance document L153.

Environmental requirements

3.3.5 In Providing the Works the *Contractor* meets the requirements of Annex 2 of the supplementary constraints in relation to environmental duties.

Risk Management

3.3.6 The *Contractor* identifies, manages and mitigates risks in accordance with the principles of ISO31000.

3.3.7 The Contractor submits a risk register, which captures all risks associated with the delivery of the *works* including those identified by the *Employer*, with his tender and maintains it for the contract period.

4 REQUIREMENTS FOR THE PROGRAMME

4.1.1 The *Contractor* submits programme to the *Employer* with his tender.

4.1.2 The *Contractor* Provides the Works taking into account the following programme constraints:

- (i) the *starting date* and *completion date* and any post site works, reporting and review period
- (ii) The services and other things provided by *Employer* (see Section 5)
- (iii) The following programme dates are to be worked to:

Bi-annual Depot Re-Inspection Surveys

Depot	1st Re-inspections to be completed by	1st Reporting to be issued by	2nd Re-inspections to be completed by	2nd Reporting to be issued by
Bradbury Depot	18 th Sep 2020	16 th Oct 2020	12 th Feb 2021	12 th Mar 2021
Carville Depot	18 th Sep 2020	16 th Oct 2020	12 th Feb 2021	12 th Mar 2021
Kneeton Depot	18 th Sep 2020	16 th Oct 2020	12 th Feb 2021	12 th Mar 2021

Asbestos Refurbishment Surveys

Note: Concrete testing works are planned for Tyne Tunnel Roundabout, Barton Interchange and Coatham Interchange Structures. For efficiencies in the use of traffic management it is expected that the Concrete Testing works and Asbestos Survey works will be completed concurrently. These works are likely to be carried out under night time working hours.

Str.Key	name	Provisional Survey Completion	Provisional Reporting Programme
STR_5588	Tyne Tunnel Roundabout East	Sep 2020	Oct 2020
STR_5589	Tyne Tunnel Roundabout West	Sep 2020	Oct 2020
STR_5084	Barton Interchange South	Oct 2020	Nov 2020
STR_5085	Barton Interchange North	Oct 2020	Nov 2020
STR_5115	Coatham Interchange (S)	Sep 2020	Oct 2020
STR_5116	Coatham Interchange (N)	Sep 2020	Oct 2020
STR_5596	Coast Railway	TBC	TBC

Asbestos Management Surveys

Str.Key	name	Provisional Survey Completion	Provisional Reporting Programme
STR_8670	Greta New	Nov 2020	Dec 2020
STR_8849	Swalwell Interchange	Nov 2020	Dec 2020
STR_8872	Pinewood Gardens Subway	Dec 2020	Jan 2020
STR_5180	Service Area F/B	Dec 2020	Jan 2020

- 4.1.3 The programme should be in the form of an activity and time related bar chart, produced as a result of a critical path analysis.
- 4.1.4 The programme should preferably be provided in either a PDF or MS Excel format and cover the full contract period including post site activities. Activities should be clearly defined and named and the programme should detail the following:
- (i) dates and times associated with the project, including the *starting date*, *completion date* & *Contractor's* planned completion, and any other dates or times that will specifically impact the delivery of the project
 - (ii) activities associated with delivering the project
- 4.1.5 The *Contractor* updates the programme every 6 weeks. The *Contractor* submits an updated programme to the *Employer* upon request.

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

5 SERVICES AND OTHER THINGS PROVIDED BY THE *EMPLOYER*

5.1.1 The following temporary traffic management will be provided by the *Employer* to allow the *Contractor* to Provide the Works:

- (1) Temporary Traffic Management will be provided by the Employer where required. This will be provided by the Employers M&R contractor.
- (2) The chosen contractor will be required to determine what access arrangements are necessary in order to carry out surveys and they will need to inform Highways England in a timely manner so that arrangements and lead in times can be accounted for.
- (3) It is expected the majority of work will be done under day time working hours but where traffic management and rail possessions dictate, some work may need to be done under night time working. The contractor should assume all work under day time working but should provide rates for night time working in their tender submission.
- (4) It is assumed that full road closures will not be permitted or will only be permitted where absolutely necessary. The contractor should assume that any traffic management will be provided as single lane closures only. The contractor should determine number of shifts required to complete surveys on structures given these traffic management constraints and this should be clearly stated in the tender submission.
- (5) It is assumed that no traffic management will be required for Asbestos Management Surveys and Depot Surveys and that the majority of Traffic Management requirements will be for the Asbestos Refurbishment Surveys.

5.1.2 Not Used.

6 SPECIFICATION FOR THE WORKS

6.1.1 The *Contractor* shall undertake the works in accordance with:

- (1) GG105 Asbestos Management (supersedes GD5/16).
- (2) Asbestos Action Plan Reports to be in accordance with GG105 Appendix E/C. HE will provide a template and in the case of a review (where possible) the last AAP which is to be submitted for review in .docx format. This can be converted to .pdf format for uploading to Highways England Systems.
- (3) Health and Safety Executive – Asbestos: Th survey guide (HSG264).
- (4) Control of Asbestos Regulations (CAR) 2012.

6.1.2 The Contractor shall provide with their tender submission, 2no. example Asbestos Survey Reports. Ideally this will be one for a Management Survey and one for a Demolition/Refurbishment Survey. The reports should ideally be examples for Surveys carried out to bridge or large culvert type structures.

The contractor is not expected to provide example Asbestos Action Plans as part of their submission as these will be Highways England specific format.

6.1.3 The Contractor should include in their submission to carry out works to expose hidden elements for Refurbishment Surveys such as waterproofing materials underneath carriageway or footpath surfacing. The contractor should provide costs for 7no. trial holes to carriageway surfacing for sampling of waterproofing materials. This is a provisional item and the number of trial holes may increase or decrease depending on future requirements.

Appendix 1

Asbestos Refurbishment Surveys to Structures

Str.Key	no	road	name	easting	northing	Structure type	total_no_of_spans
STR_5588	/A19//188.30//	A19	Tyne Tunnel Roundabout East	432270	568420	Bridge	3
STR_5589	/A19//188.40//	A19	Tyne Tunnel Roundabout West	432160	568380	Bridge	3
STR_5084	/A1(M)//500.00//	A1(M)	Barton Interchange South	421740	508100	Bridge	1
STR_5085	/A1(M)//500.00//1	A1(M)	Barton Interchange North	421770	508180	Bridge	1
STR_5115	59/A1(M)//522.70/A/	A1(M)	Coatham Interchange (S)	428430	521000	Bridge	4
STR_5116	59/A1(M)//522.70/B/	A1(M)	Coatham Interchange (N)	428490	521070	Bridge	4
STR_5596	/A19//191.50//	A19	Coast Railway	430450	570800	Bridge	1

Asbestos Management Surveys to Structures

Str.Key	no	road	name	easting	northing	Structure type	total_no_of_spans
STR_8670	/A66//126.40//	A66	Greta New	408680	513330	Bridge	3
STR_8849	/A1//450.30//	A1	Swalwell Interchange	420280	562490	Bridge	3
STR_8872	/A1//445.80//	A1	Pinewood Gardens Subway	423840	560400	Bridge (Subway)	1
STR_5180	/A1(M)//572.00//	A1	Service Area F/B	428380	555060	Footbridge	3

Bi-annual Depot Re-Inspection Surveys

Compound, Depot or Facility Name	Location	Easting	Northing
1. Bradbury Depot	WEST OF JUNCTION 60 A1(M), GIPSY LANE, FERRYHILL, CO DURHAM, DL17 0LG	431356	528928
2. Carville Depot	WEST OF JUNCTION 62 A1(M), OFF A690, DH1 1TL	430284	544526
3. Kneeton Depot	West of Junction 56 A1(M), Melsonby, Richmond, DL10 5NH	421552	508132

WORKS INFORMATION ONLY
COMPLETE AT THIS STAGE